

Amendment to the Claims:

The below listing of claims will replace all prior versions of the claims in the application:

Listing of Claims

1. (original) An organic light emitting device comprising:
an emissive region disposed between and electrically connected to an anode and a cathode,
wherein the emissive region comprises:
a first emissive layer, comprising a first host material and a first emissive material, and
a second emissive layer in physical contact with the first emissive layer and comprising a
second host material and a second emissive material,
wherein:
the contact between the first emissive layer and the second emissive layer provides an
electron injection barrier, a hole injection barrier, or both,
the first emissive layer is nearer to the anode than the second emissive layer,
at least one of the first emissive material or the second emissive material is a
phosphorescent emissive material, and
wherein the device emits with CIE x,y-coordinates that vary less than about 0.04 over the
luminance range of about 1000 cd/m² to about 20,000 cd/m².
2. (original) The organic light emitting device of claim 1, wherein the contact between the first
emissive layer and the second emissive layer provides an electron injection barrier.
3. (original) The organic light emitting device of claim 2, wherein the first emissive layer has a
higher LUMO than the second emissive layer.
4. (original) The organic light emitting device of claim 2, wherein the first emissive layer has a
lower electron mobility than the second emissive layer.

5. (original) The organic light emitting device of claim 1, wherein the contact between the first emissive layer and the second emissive layer provides a hole injection barrier.
6. (original) The organic light emitting device of claim 5, wherein the second emissive layer has a lower HOMO than the first emissive layer.
7. (original) The organic light emitting device of claim 2, wherein the second emissive layer has a lower hole mobility than the first emissive layer.
8. (original) The organic light emitting device of claim 1, wherein the emissive region further comprises an additional emissive layer.
9. (currently amended) ~~The organic light emitting device of claim 1,~~ An organic light emitting device comprising:
an emissive region disposed between and electrically connected to an anode and a cathode,
wherein the emissive region comprises:
a first emissive layer, comprising a first host material and a first emissive material, and
a second emissive layer in physical contact with the first emissive layer and comprising a
second host material and a second emissive material,
wherein:
the contact between the first emissive layer and the second emissive layer provides an
electron injection barrier, a hole injection barrier, or both,
the first emissive layer is nearer to the anode than the second emissive layer,
at least one of the first emissive material or the second emissive material is a
phosphorescent emissive material, and
wherein the device emits with CIE x,y-coordinates that vary less than about 0.02 over the luminance range of about 1000 cd/m² to about 20,000 cd/m².

10. (currently amended) ~~The organic light emitting device of claim 9,~~ An organic light emitting device comprising:

an emissive region disposed between and electrically connected to an anode and a cathode,
wherein the emissive region comprises:

a first emissive layer, comprising a first host material and a first emissive material, and
a second emissive layer in physical contact with the first emissive layer and comprising a
second host material and a second emissive material,

wherein:

the contact between the first emissive layer and the second emissive layer provides an
electron injection barrier, a hole injection barrier, or both,

the first emissive layer is nearer to the anode than the second emissive layer,
at least one of the first emissive material or the second emissive material is a
phosphorescent emissive material, and

wherein the device emits with CIE x,y-coordinates that vary less than about 0.01 over the
luminance range of about 1000 cd/m² to about 20,000 cd/m².

11. (currently amended) ~~The organic light emitting device of claim 1,~~ An organic light emitting device comprising:

an emissive region disposed between and electrically connected to an anode and a cathode,
wherein the emissive region comprises:

a first emissive layer, comprising a first host material and a first emissive material, and
a second emissive layer in physical contact with the first emissive layer and comprising a
second host material and a second emissive material,

wherein:

the contact between the first emissive layer and the second emissive layer provides an
electron injection barrier, a hole injection barrier, or both,

the first emissive layer is nearer to the anode than the second emissive layer,
at least one of the first emissive material or the second emissive material is a
phosphorescent emissive material, and

wherein the device emits with CIE x,y-coordinates that vary less than about 0.04 over the luminance range of about 50 cd/m² to about 50,000 cd/m².

12. (currently amended) ~~The organic light emitting device of claim 11,~~ An organic light emitting device comprising:
an emissive region disposed between and electrically connected to an anode and a cathode,
wherein the emissive region comprises:
a first emissive layer, comprising a first host material and a first emissive material, and
a second emissive layer in physical contact with the first emissive layer and comprising a
second host material and a second emissive material,
wherein:
the contact between the first emissive layer and the second emissive layer provides an
electron injection barrier, a hole injection barrier, or both,
the first emissive layer is nearer to the anode than the second emissive layer,
at least one of the first emissive material or the second emissive material is a
phosphorescent emissive material, and
wherein the device emits with CIE x,y-coordinates that vary less than about 0.02 over the luminance range of about 50 cd/m² to about 50,000 cd/m².

13. (currently amended) ~~The organic light emitting device of claim 12,~~ An organic light emitting device comprising:
an emissive region disposed between and electrically connected to an anode and a cathode,
wherein the emissive region comprises:
a first emissive layer, comprising a first host material and a first emissive material, and
a second emissive layer in physical contact with the first emissive layer and comprising a
second host material and a second emissive material,
wherein:
the contact between the first emissive layer and the second emissive layer provides an
electron injection barrier, a hole injection barrier, or both,
the first emissive layer is nearer to the anode than the second emissive layer,

at least one of the first emissive material or the second emissive material is a phosphorescent emissive material, and

wherein the device emits with CIE x,y-coordinates that vary less than about 0.01 over the luminance range of about 50 cd/m² to about 50,000 cd/m².

14. (original) The organic light emitting device of claim 1, wherein the first emissive material and the second emissive material are phosphorescent emissive materials.
15. (original) The organic light emitting device of claim 1, wherein the first host material is a high energy gap material and the first emissive material is a phosphorescent blue-emitting material.
16. (original) The organic light emitting device of claim 1, wherein the second host material is a high energy gap material and the second emissive material is a phosphorescent blue-emitting material.
17. (original) The organic light emitting device of claim 1, wherein the first host material is mCP and the second host material is CBP.
- 18-21 (canceled).